

AMENDMENTS TO THE CLAIMS:

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

1. (Currently amended) A laminated solar battery ~~wherein plural solar cell modules are incorporated and integrally laminated, characterized by that,~~ comprising:

~~there are provided with plural~~ different types of solar cell modules each having a respectively different sensitivity wavelength bands which are so band, said solar cell modules being incorporated as an integrally laminated structure in which the solar cell modules are consecutively layered in the laminated structure from a one of said solar modules having a shortest center wavelength of the sensitivity wavelength band to another of the solar modules having a longest center wavelength of the sensitivity wavelength band, said one of said modules having the shortest center wavelength in said sensitivity wavelength band being positioned closest ~~laminated that the shorter the center wavelength in said sensitivity wavelength bands is, the more near said the module is located~~ to an incidental side of said laminated structure which is adapted to being exposed to sunlight, wherein at least one of said different types ~~[[type]] of said solar cell module modules comprising is constructed to be a cell group module having plural~~ including nearly spherical solar cells aligned in ~~plural~~ columns and ~~plural~~ rows; and

a serial connection circuit which electrically connects said solar cell modules, said solar cell modules being configured such that an output current of each of said solar modules is approximately equal to one another.

2. (Currently amended) The laminated solar battery according to claim 1, wherein at least one type of said different types of said solar cell ~~module~~ modules is ~~constituted with~~ comprised of ~~[[a]]~~ at least one planar light receiving module having a planar common pn junction.

3. (Currently amended) The laminated solar battery according to claim 1, wherein:

said solar cell modules include ~~there are provided with~~ four types of said solar cell modules,

three types of ~~solar cell modules among~~ said four types of said solar cell modules ~~being constituted with~~ are comprised of cell group modules each of which ~~is comprising plural~~ includes nearly spherical solar cells aligned in ~~plural~~ columns and ~~plural~~ rows, and

a remaining one type of ~~solar cell module among~~ said four types of said solar cell modules ~~being constituted with~~ is comprised of a planar light receiving module having a planar common pn junction.

4. (Currently amended) The laminated solar battery according to claim 1 or 2, wherein said solar cells aligned in ~~plural~~ said columns and ~~plural~~ said rows in said cell group ~~modules~~ module are electrically connected via ~~plural~~ lead wires extending in a columnar direction or a row direction and led to ~~[[the]]~~ an outside.

5. (Currently amended) The laminated solar battery according to claim 4, wherein each ~~[[of]]~~ said cell group ~~modules~~ module is provided with a serial/parallel connection circuit for electrically connecting said ~~plural~~ solar cells in serial and parallel by means of ~~said plural~~ said lead wires.

6. (Currently amended) The laminated solar battery according to claim ~~[[5]]~~ 2, wherein ~~there is provided with a serial connection circuit for electrically connecting said plural types of solar cell modules;~~ an output current of each ~~[[of]]~~ said cell group ~~modules-being~~ module is nearly equal to an output current of said planar light receiving module.

7. (Currently amended) The laminated solar battery according to claim ~~[[6]]~~ 1, wherein:

each ~~[[of]]~~ said cell group ~~modules~~ has module includes two layers of ~~plural~~ said nearly spherical solar cells aligned in ~~plural~~ columns and ~~plural~~ rows on a plane, and

arranging said nearly spherical solar cells are arranged in said two layers to approach one another without overlapping in a ~~[[plane]]~~ plan view.

8. (Currently amended) The laminated solar battery according to claim ~~[[4]]~~ 2, further comprising wherein said planar light receiving module is arranged in the lowest layer to be located downside of said plural cell group modules, and there is provided with a reflective member capable of reflecting the sunlight in a lower part or downside of said planar light receiving module, said at least one planar light receiving module being arranged in a lowest layer to be located downside of said cell group module.

9. (Currently amended) The laminated solar battery according to claim 7, wherein any of said solar cell module modules except for ~~[[a]]~~ said one of said solar cell module modules at the ~~incident-most~~ incidental side ~~in an incidental direction~~ of said laminated structure which is adapted to being exposed to sunlight is provided, on a surface thereof, with a mirror film that reflects a light of sensitivity wavelength bands which can be easily absorbed by ones of the solar cell modules above said any of said solar cell module modules.

10. (Currently amended) The laminated solar battery according to claim 7, wherein said ~~plural~~ solar cells are received in a buried state inside transparent glass or synthetic resin material, in said cell group modules.

11. (Currently amended) The laminated solar battery according to claim 7, ~~wherein~~ further comprising a transparent member made of transparent glass or synthetic resin material which is fixed at a top of said solar cell module on ~~the incident-most side in the incidental direction of said one of said solar cell modules~~ at the incidental side of said laminated structure which is adapted to being exposed to sunlight.

12. (Currently amended) The laminated solar battery according to claim 3, wherein:

said planar light receiving module is arranged in ~~[[the]]~~ a lowest position below said multiple cell group ~~modules~~ module, and said three types of solar cell ~~[[group]]~~ modules ~~have the~~ include first to third cell group modules thereof laminated sequentially from ~~[[an]]~~ said incidental side of sunlight,

said first cell group module ~~being provided with plural~~ includes first solar cells each of which has a nearly spherical pn junction on a surface resin of a nearly spherical GaP single crystal,

said second cell group module ~~being provided with plural~~ includes second solar cells each of which has a nearly spherical pn junction on a surface resin of a nearly spherical GaAs single crystal, and

said third cell group module ~~being provided with plural~~ includes third solar cells each of which has a nearly spherical pn junction on a surface resin of nearly spherical Si single crystal.

13. (Currently amended) The laminated solar battery according to claim 12, wherein said planar light receiving module ~~[[has]]~~ includes a planar common pn junction formed in an InGaAs semiconductor layer which is formed on an n-type InP semiconductor substrate.

14. (Currently amended) The laminated solar battery according to claim 3, wherein:

said planar light receiving module is arranged in a top layer above said ~~plural~~ three types of solar cell ~~[[group]]~~ modules, and said three types of solar cell ~~[[group]]~~ modules ~~have the~~ include first to third cell group modules thereof laminated sequentially from ~~[[an]]~~ said incidental side of sunlight,

said first cell group module ~~having plural~~ includes first solar cells each of which has a nearly spherical pn junction on a surface resin of a nearly spherical GaAs single crystal,

said second cell group module ~~having plural~~ includes second solar cells each of which has a nearly spherical pn junction on the surface resin of a nearly spherical Si single crystal, and

said third cell group module ~~having plural~~ includes third solar cells each of which has a nearly spherical pn junction on the surface resin of a nearly spherical Ge single crystal.

15. (Currently amended) The laminated solar battery according to claim 14, wherein said planar light receiving module ~~[[has]]~~ includes a planar common pn junction formed in a GaAsP semi-conductor layer which is formed on an n-type GaP semiconductor substrate.

16. (Currently amended) The laminated solar battery according to claim 2, wherein:

~~there are provided with~~ said at least one planar light receiving module includes two types of planar light receiving modules, and

one or ~~plural~~ more cell group modules ~~[[being]]~~ are incorporated between said two types of planar light receiving modules.

17. (Currently amended) The laminated solar battery according to claim 1, wherein:

said ~~plural~~ different types of solar cell modules are each formed in a general shape of a cylinder, and

said solar cell modules are laminated in a general shape of a concentric cylinder.